

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	34	("20010015369"   "20020050508"   "20040025741"   "20040149807"   "5611479"   "5697511"   "5697544"   "5713507"   "5718366"   "5769306"   "5794835"   "5971252"   "5975406"   "6045027"   "6045028"   "6050475"   "6051325"   "6070784"   "6138895"   "6168067"   "6193137"   "6206268"   "6227430"   "6237835"   "6257479"   "6364197"   "6367681"   "6398883"   "6421578"   "6460752"   "6464127"   "6484924"   "6537682"   "6676008").PN. OR ("6933057").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/24 15:16
S6	10	friction near50 stir near50 weld\$3 and ( buffer or jig or back\$3 or chamfer or clamp\$3) with slot	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 07:15
S10	220	friction near50 weld\$3 with plate with( buffer or jig or back\$3 or chamfer or clamp\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 07:17
S11	47	("4144110"   "4260094"   "5460317").PN. OR ("5611479").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/29 07:23

S12	13	("3418196"   "3949896"   "4106167"   "5460317"   "5611479"   "5769306"   "5971247"   "5975406"   "6199745"   "6213379"). PN. OR ("6460752"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/29 07:26
S13	32	("3266700"   "3604612"   "3722778"   "3844468"   "3848793"   "3888405"   "4067490"   "4542276"   "4552609"   "4619396"   "4709729"   "4757932"   "4998663"   "5285947"   "5444902"   "5460317"   "5486262"   "5524813"   "5558265"   "5573229"   "5611479"   "5697511"   "5697544"   "5697545"   "5718366"   "5758999"   "5893507"   "6050475"   "6070784").PN. OR ("6450395").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/29 07:42
S15	5	"2380071".pn.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 07:50
S17	87134	weld\$3 with( buffer or jig or back\$3 or chamfer or clamp\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 16:44

S18	49049	weld\$3 with(jig or back\$3 or chamfer)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 07:54
S19	10756	weld\$3 with plate with( back\$3 or chamfer)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 07:55
S20	62	S19 and (friction near20 stir)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 07:56
S21	96976	shinji.in.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 08:14
S22	7	S21 and ( friction near20 stir near20 weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 08:14

S24	5	S23 and ( friction near20 stir near20 weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 08:17
S26	4	S25 and ( friction near20 stir near20 weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 08:19
S31	356	228/2.1.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/29 15:59
S32	6	("20020027153"   "6334568"   "6460750"   "6536651"   "6554177"   "6676004").PN. OR ("6843405").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/29 16:23
S33	11	("4144110"   "5460317"   "5794835"   "5829664"   "5975406"   "6045028"   "6068178"   "6070784"   "6102636"   "6168066"). PN. OR ("6360937"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/29 16:57
S34	667	228/112.1.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:30

S35	780	228/212.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:31
S36	217	228/216.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:31
S37	1636	S34 or S35 or S36	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:33
S39	64184	S37 or (back\$3 near50 jig) or (abutment and recess)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:39
S40	1718	S37 or (back\$3 near50 jig) and (abutment and recess)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:39
S42	1812	S37 or ((back\$3 near50 jig) and abutment)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:40

S43	810	S42 and plate	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 11:40
S44	15	("3326741"   "3388027"   "3413168"   "3418896"   "3494020"   "3846221"). PN. OR ("3929270"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/30 12:21
S45	6502	weld\$3 and (back\$3 near50 (jig or plate of buffer)) and (protrusion or protruded or protruding)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 12:24
S46	100	weld\$3 with (back\$3 near50 (jig or plate of buffer)) with(protrusion or protruded or protruding)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 13:24
S47	303354	back\$3 with (jig or plate or buffer or ring)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 13:47
S48	810	S47 and (((stir near20 friction) or friction) near100 weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/30 13:49

S49	44	("3937918"   "5391857"   "5460317"   "5697511"   "5697544"   "5713507"   "5718366"   "5769306"   "5829664"   "5893507"). PN. OR ("5971247"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/30 15:11
S53	44862	weld\$3 with (duct or channel)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 08:49
S54	28	friction with stir with weld\$3 with (duct or channel)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:14
S55	47221	masatoshi.in.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:17
S56	7	S55 and (friction with stir with weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:18

S57	79292	seiji.in.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:18
S58	9	S57 and (friction with stir with weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:18
S59	6	(shigetoshi.in.) and (friction with stir with weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:20
S60	2	(naoki.in.) and (friction with stir with weld\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 09:21



S62	34	("20010015369"   "20020050508"   "20040025741"   "20040149807"   "5611479"   "5697511"   "5697544"   "5713507"   "5718366"   "5769306"   "5794835"   "5971252"   "5975406"   "6045027"   "6045028"   "6050475"   "6051325"   "6070784"   "6138895"   "6168067"   "6193137"   "6206268"   "6227430"   "6237835"   "6257479"   "6364197"   "6367681"   "6398883"   "6421578"   "6460752"   "6464127"   "6484924"   "6537682"   "6676008"). PN. OR ("6933057"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 10:13
S63	156	(koga with shinji).in.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 10:15
S64	15	(koga with shinji).in.	US-PGPU B; USPAT	OR	ON	2005/08/31 10:19
S65	15	(enomoto with masatoshi). in.	US-PGPU B; USPAT	OR	ON	2005/08/31 10:24
S66	18	("3860468"   "5088638"   "5460317"   "5492581"   "5697511"   "5697544"). PN. OR ("5979742"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 10:21
S67	859	(jogan shigetoshi).in.	US-PGPU B; USPAT	OR	ON	2005/08/31 10:24
S68	7	(jogan with shigetoshi).in.	US-PGPU B; USPAT	OR	ON	2005/08/31 10:27
S69	7495	join\$3 with duct	US-PGPU B; USPAT	OR	ON	2005/08/31 10:27
S70	4	S69 and (friction with stir with weld\$3)	US-PGPU B; USPAT	OR	ON	2005/08/31 10:48

S75	6438	(back\$3 or support or buffer) with plate with (weld or joint)	US-PGPU B; USPAT	OR	ON	2005/08/31 10:52
S76	18887	(back\$3 or support or buffer) same plate same (weld or joint)	US-PGPU B; USPAT	OR	ON	2005/08/31 10:52
S78	28	(back\$3 ) with( plate or ring) with ( friction with weld )	US-PGPU B; USPAT	OR	ON	2005/08/31 10:57
S83	125	219/61.1.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/08/31 13:26
S84	22	("3741457"   "3859938"   "3937382"   "3979041"   "4165831"   "4177914"   "4201326"   "4285458"   "4556162"   "4648544"   "4682724"   "5110031"   "5356067"   "5471030"   "5535938"   "5597108"   "5624067"   "5664837"). PN. OR ("6119916"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 13:27
S85	10	("2887972"   "3570109"   "3741457"   "4165831"   "4285458").PN. OR ("4682724").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 13:35
S86	45	("2331689"   "2331937"   "2448107"   "2472523"   "2792626"   "2878770"   "2878972"   "2952231"   "2987022"   "3110277"   "3185369"   "3207503"   "3229884"   "3458105"   "3561320"   "3604612"   "3741457"   "3777114"   "3806694"   "3940048"). PN. OR ("4201326"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 13:41

S87	12	("0312301"   "2623550"). PN. OR ("3640116"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/08/31 14:20
S88	19	(("1710258") or ("1902051") or ("1972029") or ("2430266") or ("2631215") or ("2987022")).PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2005/09/01 08:55
S92	30	("3241736"   "3949896"   "4144110"   "4542276"   "5285947"   "5444902"   "5524813"   "5769306"   "5813592").PN. OR ("6070784").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 08:59
S93	45	("4103138"   "4144110"   "5460317"   "5624067"). PN. OR ("5769306"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 09:09
S94	44	("3937918"   "5391857"   "5460317"   "5697511"   "5697544"   "5713507"   "5718366"   "5769306"   "5829664"   "5893507"). PN. OR ("5971247"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 09:22
S95	843	219/67.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 09:30
S96	125	219/61.1.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 09:28

S97	19	S95 and S96	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 09:23
S98	114	219/55.ccls.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 09:28
S99	536	219/67.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 09:30
S10 1	316090	back\$3 with (jig or clamp or up)	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:00
S10 2	287474	back\$3 near20 (jig or clamp or up)	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:00
S10 3	112775	back\$3 adj (jig or clamp or up)	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:00
S10 4	17379	S103 and weld\$3	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:01
S10 5	898	S103 and (( friction or resistance) near50 weld\$3)	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:02

S10 6	3	("2003/0075584").URPN.	USPAT	OR	ON	2005/09/01 10:11
S10 7	6	("20020125297"   "20020179682"   "20030075584"   "5893507"   "6299050"   "6595403").PN. OR ("6722556").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 10:12
S10 8	6	("2306366").PN.	USPAT; USOCR; EPO; DERWEN T	OR	OFF	2005/09/01 11:32
S10 9	2	("0010935").PN.	USPAT; USOCR; EPO; DERWEN T	OR	OFF	2005/09/01 11:33
S11 0	49	93/10935	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 11:52
S11 1	2	"6070784".pn.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 11:53
S11 2	2	((("6247634") or ("4708279")).PN.	USPAT; USOCR	OR	OFF	2005/09/01 11:53
S11 4	32	228/112.1.ccls. and (back\$3 near20 jig or up or plate) with deform\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 13:43

S11 7	6	S116 and( back\$3 with jig or plate or up) and deform\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 13:45
S11 8	511	428/593.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 13:54
S11 9	198	S118 and weld\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 13:59
S12 0	3	"6613447".pn.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/01 14:00
S12 1	29	("4417526"   "5098007"   "5388529"   "5460317"   "5611479"   "5697511"   "5697544"   "5713507"   "5718366"   "5769306"   "5794835"   "5813592"   "5829664"   "5862975"   "5893507"   "5971247"   "5971252"   "5972406"   "5975406"   "6050474"   "6051325"   "6193137"   "6237829"   "6250037"   "6273323"   "6305866"). PN. OR ("6613447"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2005/09/01 14:00

S12 5	106	friction with stir with weld\$3 with thickness with plate	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/09/02 11:14
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